

## Conference contributions - Hannah Hiester

- **Hiester, H. R.**, Piggott, M. D., Allison, P. A. *The use of adaptive meshes in ocean modelling: considerations from simulations of the lock-exchange flow*, EGU General Assembly, Vienna, Austria, April 2011.
- **Hiester, H. R.**, Piggott, M. D., Allison, P. A. *Gravity current modelling with adaptive meshes*, UK Young Coastal Scientists and Engineers Conference 2011, Liverpool, UK, March 2011.
- **Hiester, H. R.**, Piggott, M. D., Allison, P. A. *Gravity current simulations with a non-hydrostatic adaptive mesh ocean model*, The 14th Biennial Challenger Conference for Marine Science and The Challenger Ocean Modelling Group Meeting 2010, September 2010.
- **Hiester, H. R.**, Piggott, M. D., Allison, P. A. *The impact of adaptive meshes on numerical simulations of the lock-exchange*, ISAC-CNR Summer School 2010 on Buoyancy Driven Flows, Aosta Valley, Italy, June 2010.
- **Hiester, H. R.**, Piggott, M. D., Allison, P. A., Pain, C. C. *Gravity current modelling with an unstructured and adaptive mesh finite-element model*, British Geophysical Association Postgraduate Research in Progress Meeting, London, UK, September 2009.
- **Hiester, H. R.**, Piggott, M. D., Allison, P. A., Pain, C. C. *Mixing and entrainment in gravity current simulations using an adaptive mesh ocean model*, Scoping Meeting on Multi-scale Modelling of the Atmosphere and Ocean, Reading, UK, March 2009.
- **Hiester, H. R.**, Piggott, M. D., Allison, P. A., Pain, C. C. *Idealised modelling of the Mediterranean Outflow using a next-generation ocean model*, First ESF-MedCLIVAR Summer School for Postgraduate students, Rhodes, Greece, September 2008.
- **Hiester, H. R.**, Piggott, M. D., Allison, P. A., Pain, C. C. *Numerical modelling of gravity currents on an incline using a next generation ocean model*, Royal Meteorological Society Annual Student Conference on Atmospheric and Ocean Sciences, Manchester, UK, September 2008.
- **Hiester, H. R.**, Piggott, M. D., Allison, P. A., Pain, C. C. *Numerical modelling of a gravity current on an incline using a next generation ocean model*, European Postgraduate Fluid Dynamics Conference, Keele, UK, July 2008.